

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE UPGRADE OF EXISTING SIGNAL HEADS TO BLACK FACE SIGNAL HEADS WITH LEDS. ALSO, AN ADVANCED HIB FOR SOUTHBOUND MD 2 WILL BE INSTALLED. THERE WILL BE NO CHANGES TO THE INTERSECTION OPERATION.

INTERSECTION OPERATION

THIS INTERSECTION CURRENTLY OPERATES IN A NEMA FIVE PHASE. FULLY ACTUATED MODE. THE THROUGH MOVEMENTS FOR MD 260 WILL OPERATE CONCURRENTLY. THE MD 2 SIDE STREET MOVEMENT WILL OPERATE WITH A SOUTHBOUND LEFT PHASE AND THEN OPERATE CONCURRENTLY.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

| ITEM NO. | QUANTITY | UNIT | DESCRIPTION |
|----------|----------|------|---|
| 9571 | 9 | SF | SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN |
| | 1 | EA | W3-3 (36'X36") POLE MOUNTED |
| 9572 | 7.5 | SF | SHEET ALUMINUM / SPAN WIRE MOUNTED |
| | 1 | EA | R3-5L (30'X36") SPAN WIRE MOUNTED |

B. EQUIPMENT TO BE FURNISHED AND/OR INTALLED BY THE CONTRACTOR

| ITEM NO. | QUANTITY | UNIT | DESCRIPTION |
|----------|----------|------|---|
| 1001 | 1 | EA | MAINTENANCE OF TRAFFIC PER ASSIGNMENT |
| 2002 | 1 | CY | TEST PIT EXCAVATION |
| 8001 | 32 | EA | 12 INCH - R, Y, G - LED SIGNAL HEAD SECTION |
| 8011 | 1 | EA | BREAKAWAY PEDESTAL POLE - ANY SIZE |
| 8017 | 1 | EA | REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT |
| 8026 | 875 | LF | UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED |
| 8033 | 1300 | LF | NO 6 AWG STRANDED BARE COPPER GROUND WIRE |
| 8044 | 4 | EA | FURNISH AND INSTALL ELECTRICAL HANDHOLE |
| 8046 | 16.5 | SF | INSTALL OVERHEAD SIGN |
| 8052 | 1 | EA | GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH |
| 8060 | 1300 | LF | ELECTRICAL CABLE - 5 CONDUCTOR NO 14 AWG |
| 8061 | 600 | LF | ELECTRICAL CABLE - 7 CONDUCTOR NO 14 AWG |

BAI
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9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 • 410-884-3609 (FAX)

PROJECT CONTACTS

The contact persons for District #5 are as follows:

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Assistant District Engineer - Traffic
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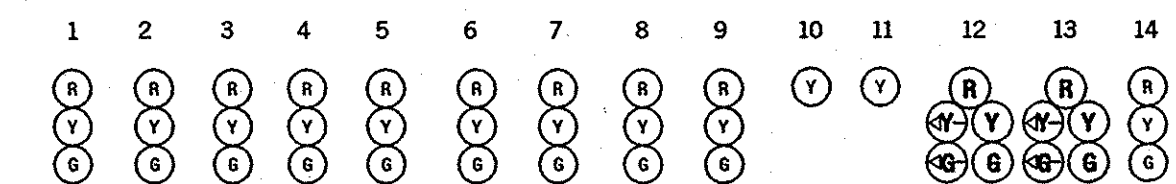
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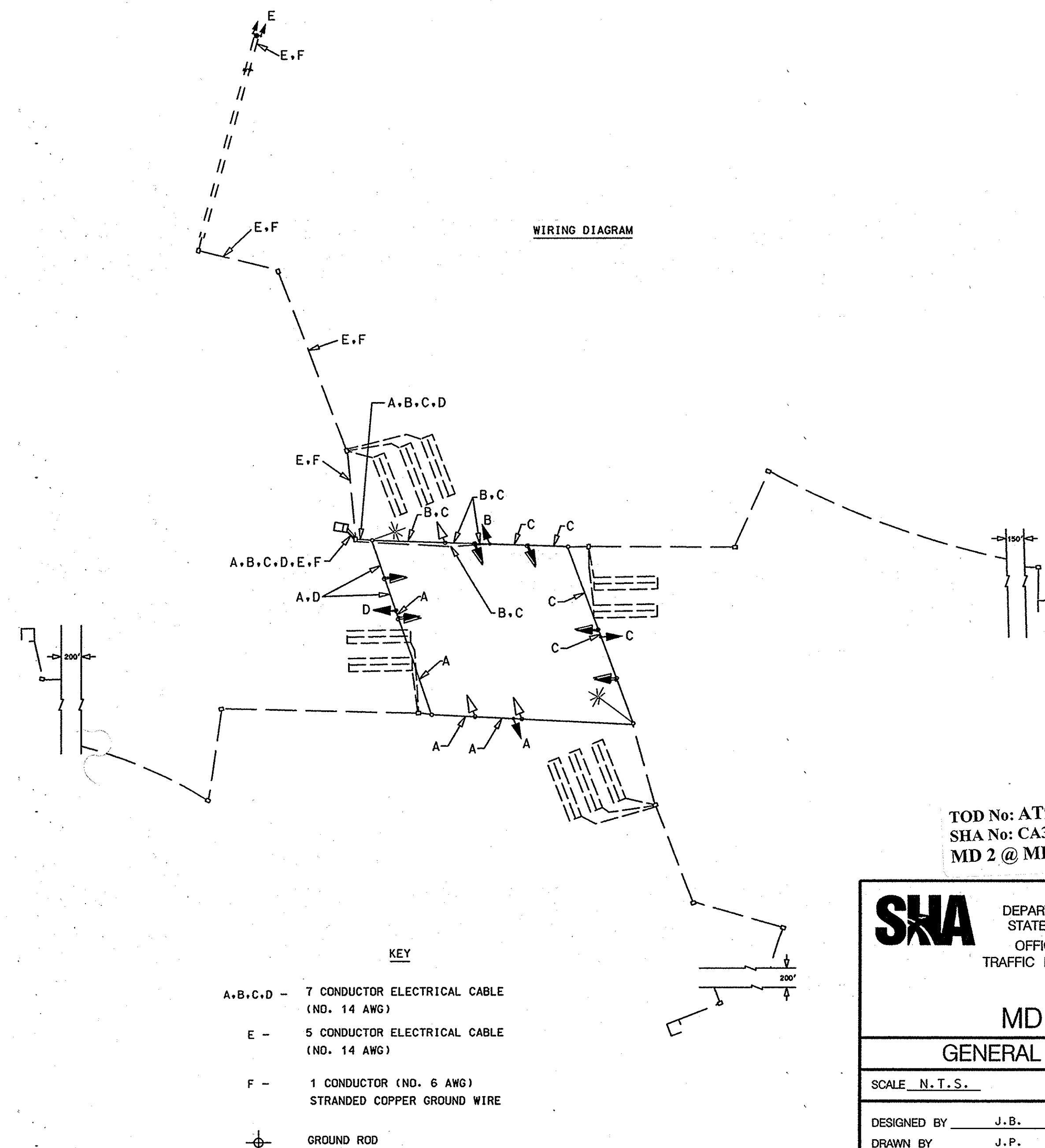
Bob Snyder
Assistant Chief, Traffic Operations Division
Phone: (410) 787-7631

Ed Rodenhizer
Supervisor Signal Operations, Traffic Operations Division
Phone: (410) 787-7650

PHASE CHART



| PHASE 2 & 6 | G | G | G | G | G | R | R | R | FL/Y | FL/Y | R | R | R | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 2 & 6 CHANGE | Y | Y | Y | Y | Y | R | R | R | FL/Y | FL/Y | R | R | R | → |
| PHASE 4 & 7 | R | R | R | R | R | R | R | R | FL/Y | FL/Y | ←G-G | ←G-G | G | ← |
| 7 CHANGE | R | R | R | R | R | R | R | R | FL/Y | FL/Y | ←Y-G | ←Y-G | G | ← |
| PHASE 4 & 8 | R | R | R | R | R | R | G | G | FL/Y | FL/Y | G | G | G | ↓ |
| 4 & 8 CHANGE | R | R | R | R | R | Y | Y | Y | FL/Y | FL/Y | Y | Y | Y | ↓ |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | FL/Y | FL/Y | FL/R | FL/R | FL/R | ↔ |



TOD No: AT936-25
SHA No: CA361A52/B52
MD 2 @ MD 260

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AT MD 260

GENERAL INFORMATION SHEET

SCALE N.T.S. DATE 04/25/07 CONTRACT NO. AT9365185

DESIGNED BY J.B. COUNTY CALVERT

DRAWN BY J.P. LOGMILE 04000234.06

CHECKED BY R.J.M. [Signature] T.I.M.S. NO. I 079

F.A.P. NO. TOD NO.

DRAWING NO. 13086 1 OF 1 SHEET NO. 3 OF 3